Memorandum of Understanding
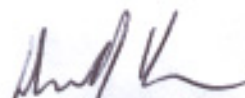## Between the Climate Data eXchange (CDX) project
and the
Orbiting Carbon Observatory (OCO) project

Approved:

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Barry Weiss   Date
OCO GDS Project Manager

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Dan Crichton   Date
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Amy Braverman   Date
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Concurred by:

Emily Law   2/11/09

Emily Law   Date
OCO Data Center Manager

PURPOSE

This MOU establishes:

1. Responsibilities of the Climate Data eXchange (CDX) Project and the Orbiting Carbon Observatory (OCO) Project, and
2. A formal interface agreement between the two organizations to provide catalog and repository access by CDX software to the instrument data holdings of the OCO project.

SCOPE

This MOU governs the first 6-month period of FY09 that covers CDX's currently planned fiscal schedule plus the period of operations thereafter. This MOU will be updated on a yearly basis for changes in scope.

All references to the Orbiting Carbon Observatory Project include the Project Manager, the Ground Data System Manager, the OCO Data Center Manager and all Facility Teams. This agreement is based on currently planned budgets and requirements documentation. There will be no exchange of funds between the OCO Project and CDX.

CDX and OCO will:

- Document activities and responsibilities related to obtaining OCO catalog and repository access to OCO Level 2 Product metadata and data files, respectively
- Document agreements between CDX data access software and the relevant OCO catalogs, servers, and disks via Interface Control Documents
- Participate in a quarterly CDX data provider meeting, to support operations and timely resolution of issues

CDX will:

- Develop and deploy software that will access OCO Level 2 data products via the OCO Data Center repository with the specific intent of making PI-approved OCO Level 2 data products available to CDX users
- Provide all hardware resources required to house the CDX software
- Work with the OCO system administrators to ensure that CDX software is appropriately configured to limit access to the OCO Data Center repository that is necessary to gain access to PI-approved Level 2 data products and the associated cataloged metadata

OCO will:

- Provide system administrator support to enable CDX software account-based access to the OCO Data Center repository that contain Level 2 data products
- Provide assistance to understand the OCO Level 2 metadata and archive layout structure
- Help define the appropriate hardware resource to host CDX software for Level 2 data and metadata access
- Provide assistance to determine the appropriate data access policies for products provided to CDX